



(19)

(11) Publication number: 0

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: 05220554

(51) Intl. Cl.: G02B 6/46

(22) Application date: 12.08.93

(30) Priority:

(43) Date of application  
publication: 03.03.95(84) Designated contracting  
states:

(71) Applicant: FUJIKURA LTD

(72) Inventor: YAMAUCHI RYOZO  
TOMITA SHINICHI  
WADA AKIRA

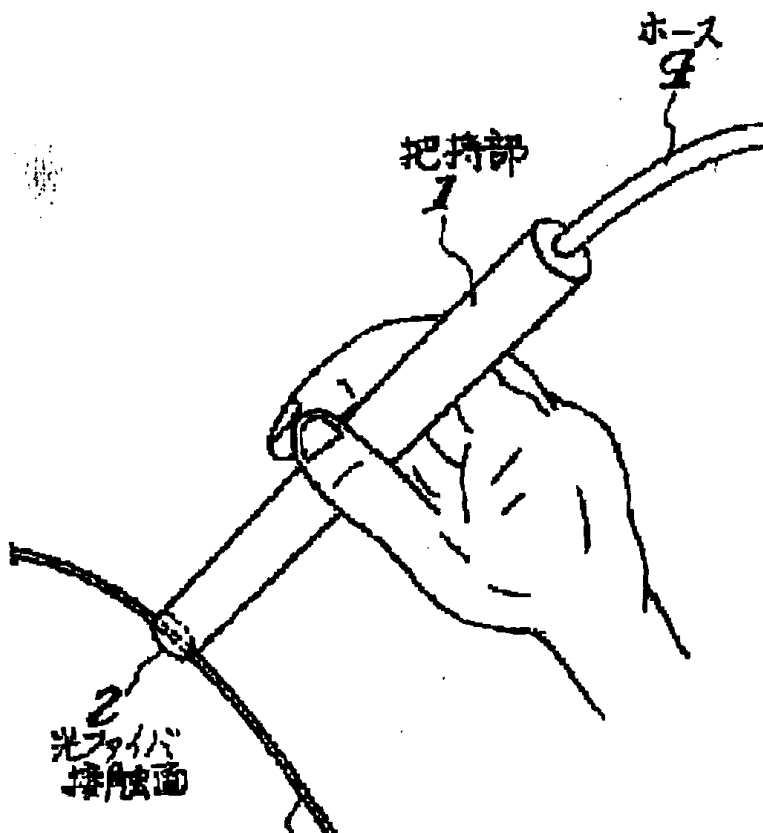
(74) Representative:

(54) OPTICAL FIBER  
CLAMPING MEANS

(57) Abstract:

**PURPOSE:** To easily handle an optical fiber while minimizing the damage to the optical fiber by bringing the contact surface of the optical fiber near to the flank of the optical fiber and sucking air from the air suction hole disposed on the contact surface.

**CONSTITUTION:** This optical fiber clamping means consists of such a cylindrical clamping part 1 which can be clamped by hand and the optical fiber contact surface 2 disposed at its front end. The contact surface 2 is provided with the air suction hole and this air suction hole is extended to the other end of the clamping part 1 and is connected to a hose 4. This hose 4 is connected to a discharge pump, not shown in Fig., and sucks the air from the air suction hole. The optical fiber contact surface 2 is provided with such a guide groove in which the flank of the optical fiber 7



07056073 A2

<http://www.patents.ibm.com/cgi-bin/viewpat.cgi?JP07056073A2>

which the flank of the optical fiber 7 intrudes. The air suction hole opens into this guide groove. The workability is easily and exceedingly improved without damaging and contaminating the optical fiber 7 if such optical fiber clamping means is used.

COPYRIGHT: (C)1995,JPO